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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/620,273
Applicant: Collins, *et al.*
Filed: July 15, 2003
TC/A.AU.: Unassigned
Examiner: Unassigned

Confirmation No.: Unassigned

Docket No.: 07959.105018 COP 1000 DIV 5
Customer No.: 20786
Title: Radionuclide Labeling of Vitamin B₁₂ and Coenzymes Thereof

Commissioner for Patents
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Respectfully submitted,

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Sheet **1** of **2**

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Application Number	10/620,273
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First Named Inventor	Collins, et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
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U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	AA	5,608,060	B	AXWORTHY, et al.	03-04-1997	
	AB	5,877,165	B	MIURA, et al.	03-02-1999	
	AC	6,183,723	B	SEETHARAM, et al.	02-06-2001	
	AD	pub 03-0144198	A	COLLINS, et al.	07-31-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number	Kind Code ² (if known)				
	AE	WO	00/45857	A2, A3	LAWACZECK, et al.	08-10-2000		
	AF	WO	00/62808	A2, A3	COLLINS, et al.	10-26-2000		
	AG	WO	01/92283	A2	COLLINS, et al.	12-6-2001		
	AH	WO	03/00010	A2, A3	COLLINS, et al.	01-21-2003		
	AI	WO	03/25139	A2, A3	COLLINS, et al.	03-27-2003		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	AJ	ALLEN, R.H., et al., "Isolation of Gastric Vitamin B12-binding Proteins Using Affinity Chromatography," <i>Journal of Biological Chemistry</i> , 248(10), 3660-3669 (1973).	
	AK	ALLEN, R.H., et al., "Isolation of Vitamin B12-binding Proteins Using Affinity Chromatography," <i>Journal of Biological Chemistry</i> , 247(23), 7695-7701 (1972).	
	AL	ALLEN, R.H., "Human Vitamin B12 Transport Proteins," <i>Progress in Hematology</i> , Vol. 9, , pp. 57-84 (1975)	
	AM	COLLINS, D., et al., "Tumor Imaging via Indium 111-Labeled DTPA-Adenosylcobalamin", <i>Mayo Clinic Proc.</i> , 74, 687-691 (1999).	
	AN	COLLINS, D.A., et al., "Transcobalamin II imaging via radiolabeled diethylene-triaminepentaacetate cobalamin analogs", <i>J. Nucl. Med.</i> , 38(5), 717-723 (1997).	
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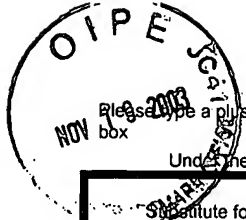
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	BA	FINKLER, A.E., et al., "Nature of the Relationship between Vitamin B12 Binding and Cell Uptake," <i>Archives of Biochemistry and Biophysics</i> , 120, 79-85 (1967).	
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	BC	HOGENKAMP, H., et al., "Synthesis and Characterization of nido-Carborane-Cobalamin Conjugates," <i>Nucl. Med. & Biol.</i> , 27, 89-92 (2000).	
	BD	HOGENKAMP, H.P.C., et al., "Diagnostic and Therapeutic Analogues of Cobalamin", <i>Chemistry and Biochemistry of B₁₂</i> , R. Banerjee, ed.; Wiley & Sons (1999), Part II, Section 15, pp. 385-410.	
	BE	MCLEAN, G.R., et al., "Antibodies to Transcobalamin II Block In Vitro Proliferation of Leukemic Cells," <i>Blood</i> , 89(1), 235-242 (1997).	
	BF	NEXØ, E., "Cobalamin Binding Proteins," in <i>Vitamin B12 and B12-proteins</i> , eds. Krantler, B.; Arigoni, D. and Golding, B.T.; Wiley & Sons, Ltd. pp. 461-475.	
	BG	RAPPAZZO, M.E., et al., "Transport Function of Transcobalamin II," <i>Journal of Clinical Investigation</i> , 51, 1915-1918 (1972).	
	BH	SODA, R., et al., "Receptor Distribution and the Endothelial Uptake of Transcobalamin II in Liver Cell Suspensions," <i>Blood</i> , 65(4), 795-802 (1985).	
	BI	UCHINO, H., et al., "Tissue Distribution of Coenzyme B ₁₂ in Rats Following Intravenous Administration," <i>Annals of the New York Academy of Sciences</i> , 112(Art. 2), 844-854 (1964).	

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